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STEEL & MINES DEPARTMENT

NOTIFICATION

The 2nd May, 2015

S. R. O. No.157/2015. Whereas, the proposal to finalize the appropriate ratio of Sponge Iron and Blast Furnace mix in the manufacture of Steel was under consideration of the State Government, for some time past.

Whereas, basing on the decision taken by the High Level Clearances Authority, in their 14th meeting held on 4th May, 2011, the State Government have framed the guidelines on Sponge Iron / Blast Furnace mix for consideration of expansion of brown field and green field projects in the State vide Notification No.6215, dated the 8th August, 2011.

Whereas, the State Level Single Window Clearance Authority (SLSWCA) in their 48th meeting held on 10th September, 2014 decided for adoption of new policy guideline on Sponge Iron / Blast Furnace mix in Steel making by the green field and brown field projects to avoid pollution hazards by way of revisiting the previous guideline dated the 8th August, 2011.

The State Government in-consultation with State Pollution Control Board, Odisha do hereby issue the following guidelines on Sponge Iron / Blast Furnace mix in Steel making by the green field and brown field projects, in supersession of the Notification No.6215, dated 8th August, 2011:

- (i) That, no proposal for standalone Sponge Iron unit, either for expansion, for existing Sponge Iron Plants or for new plants should be permitted.
- (ii) Existing Sponge Iron Plants should be encouraged to go in for value addition (integrated Steel Plants) through installation of downstream facility like IF (Induction Furnace) / EAF (Electronic Arc Furnace) with finishing process within a period of 5 years.

- (iii) All proposals including their expansion up to 0.30 million tonnes *per annum* of Steel making may be permitted through the DRI route with a provision that they should go in for a minimum of 350 TPD (tonnes per day) module capacities of DR Kiln units using State of the art energy efficient technology and Pollution Control Measures.
- (iv) All proposals including their expansion from 0.30 million tonnes up to 0.60 million tonnes of Steel making capacity *per annum* may be permitted through DRI route, with a provision that they should go in for a minimum of 500 TPD (tonnes per day) module capacity of DR Kiln Units with the State of art energy efficient technology with Pollution Control Measures.
- (v) All proposals between 0.60 to 1.50 million tonnes of steel making capacity *per annum* may be allowed with a provision for either a hybrid system through DRI and hot metal production unit or hot metal production unit route.
- (vi) For steel making capacity of 1.50 million tonnes *per annum* and above suitable technology mix shall / may be adopted using State of the art energy efficient technology and Pollution Control Measures.
- (vii) All the new / expansion DRI units shall install adequate pollution control devices at the rotary kilns and material transfer points so that particulate matter emission from the stack shall not exceed 50 mg/Nm³.
- (viii) Waste Heat Recovery Boiler (WHRB) of adequate capacity shall be installed at each rotary kiln of the DRI plant to generate power.
- (ix) All the integrated steel plants routed through DRI route (sponge iron) having the facility of boiler should utilize at least 20% of the dolochar produced as a substitute to coal. The reaming quantity of dolochar shall be utilized as per the procedure duly approved by the SPC Board, Odisha.
- (x) Code of practice for adoption of pollution prevention measures in DRI plants shall be followed as stipulated by CPCB/SPCB in Comprehensive Industry Document published in March, 2007 as amended from time to time.

[No. 3941-VSL-06/2015/SM.]

By Order of the Governor

R. K. SHARMA

Principal Secretary to Government